

M 5.5, 25 km SSE of Karyes, Greece

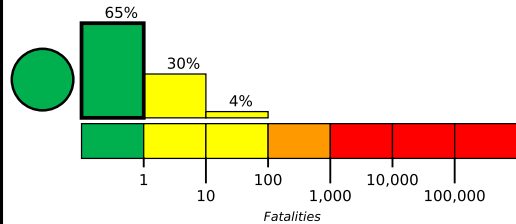
Origin Time: 2022-01-16 11:48:05 UTC (Sun 13:48:05 local)
Location: 40.0413° N 24.3610° E Depth: 7.0 km

PAGER
Version 7

Created: 2 weeks, 5 days after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



Estimated Economic Losses

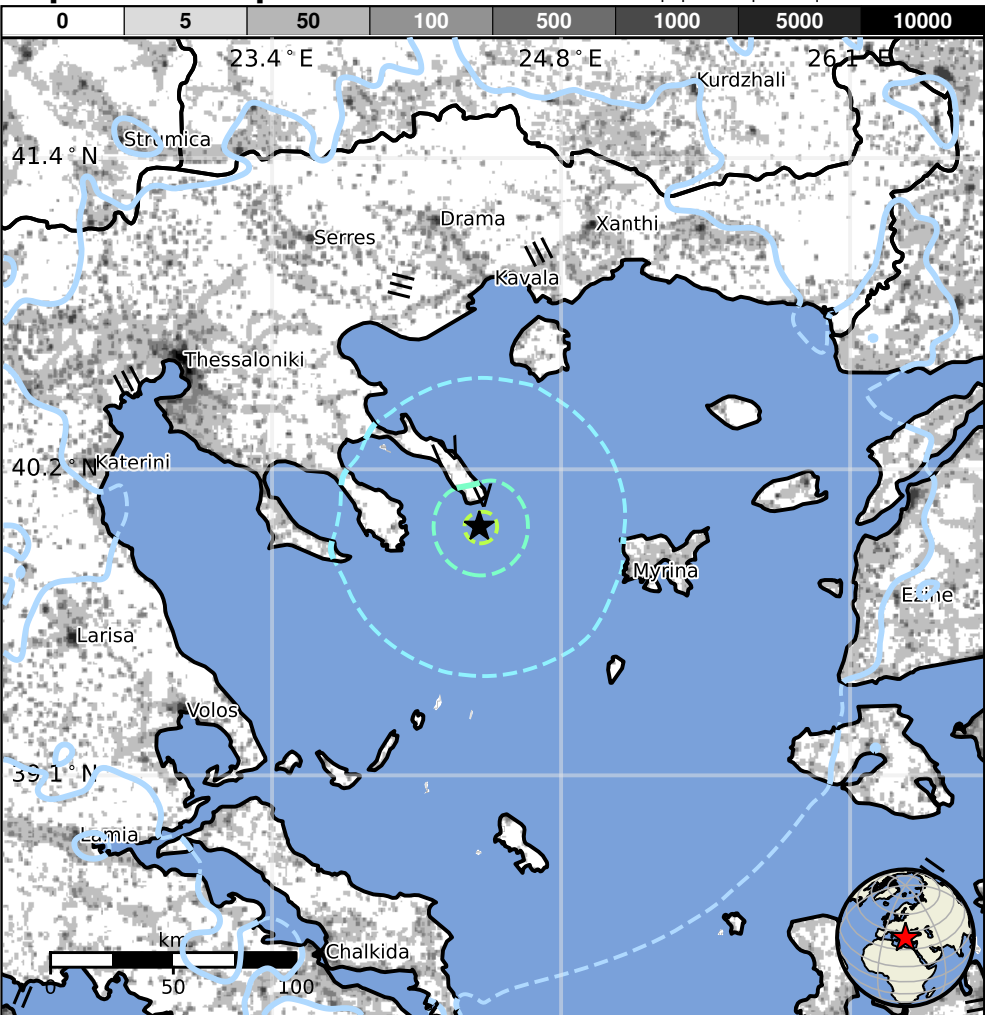


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	5,212k	26k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are mud wall with wood and unreinforced brick with mud construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1990-12-21	199	6.1	V(70k)	1
1981-03-07	224	5.4	VI(426k)	1
1963-07-26	331	6.0	IX(23k)	1k

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Karyes	0
IV	Sarti	1k
IV	Sykia	2k
IV	Nea Roda	1k
IV	Ouranoupolis	1k
IV	Neos Marmaras	3k
III	Larisa	145k
III	Canakkale	88k
III	Thessaloniki	354k
II	Lamia	52k
II	Edirne	126k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.
<https://earthquake.usgs.gov/earthquakes/eventpage/us7000gcfq#pager>

bold cities appear on map.

(k = x1000)

Event ID: us7000gcfq